Petr Zasche

List of Publications by Year
in descending order

73	719	567281 15	642732 23
papers	citations	h-index	g-index

73	73	73	579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Period changes in six contact binaries: WZ And, V803 Aql, DF Hya, PY Lyr, FZ Ori, and AH Tau. New Astronomy, 2009, 14, 121-128.	1.8	65
2	Survey for Î´ Sct components in eclipsing binaries and new correlations between pulsation frequency and fundamental stellar characteristics. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1250-1262.	4.4	47
3	Apsidal motion and a light curve solution for eighteen SMC eccentric eclipsing binaries. Astronomy and Astrophysics, 2014, 572, A71.	5.1	38
4	The quest for companions to post-common envelope binaries. Astronomy and Astrophysics, 2012, 540, A8.	5.1	37
5	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. Astronomical Journal, 2021, 161, 162.	4.7	28
6	Doubly eclipsing systems. Astronomy and Astrophysics, 2019, 630, A128.	5.1	24
7	Six new compact triply eclipsing triples found withTESS. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4341-4360.	4.4	23
8	Î¾Tauri: a unique laboratory to study the dynamic interaction in a compact hierarchical quadruple system. Astronomy and Astrophysics, 2016, 594, A55.	5.1	22
9	A CATALOG OF VISUAL DOUBLE AND MULTIPLE STARS WITH ECLIPSING COMPONENTS. Astronomical Journal, 2009, 138, 664-679.	4.7	21
10	Period changes in six semi-detached Algol-type binaries. New Astronomy, 2008, 13, 405-413.	1.8	20
11	TIC 454140642: A Compact, Coplanar, Quadruple-lined Quadruple Star System Consisting of Two Eclipsing Binaries. Astrophysical Journal, 2021, 917, 93.	4.5	19
12	The field high-amplitude SXÂPhoenicis variable BLÂCamelopardalis: results from a multisite photometric campaign. Astronomy and Astrophysics, 2007, 471, 255-264.	5.1	17
13	Updated study of the quintuple system V994 Herculis. Astronomy and Astrophysics, 2016, 588, A121.	5.1	17
14	TENKEPLERECLIPSING BINARIES CONTAINING THE THIRD COMPONENTS. Astronomical Journal, 2015, 149, 197.	4.7	16
15	Combining astrometry with the lightâ€time effect: The case of VW Cep, Î¶ Phe and HT Vir. Astronomische Nachrichten, 2007, 328, 928-937.	1.2	15
16	Properties and nature of Be stars. Astronomy and Astrophysics, 2015, 573, A107.	5.1	15
17	Apsidal motion and absolute parameters for five LMC eccentric eclipsing binaries. Astronomy and Astrophysics, 2013, 558, A51.	5.1	14
18	HS Hydrae about to turn off its eclipses. Astronomy and Astrophysics, 2012, 542, L23.	5.1	13

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19	The first study of the light-travel time effect in massive LMC eclipsing binaries. Astronomy and Astrophysics, 2016, 590, A85.	5.1	13
20	Time-dependent spectral-feature variations of stars displaying the B[e] phenomenon. Astronomy and Astrophysics, 2016, 586, A116.	5.1	13
21	Substellar companions in low-mass eclipsing binaries. Astronomy and Astrophysics, 2016, 587, A82.	5.1	13
22	New inclination changing eclipsing binaries in the Magellanic Clouds. Astronomy and Astrophysics, 2018, 609, A46.	5.1	13
23	The field high-amplitude SXÂPhe variable BLÂCam: results from a multisite photometric campaign. Astronomy and Astrophysics, 2010, 515, A39.	5.1	12
24	A comprehensive study of six Algol type binaries. New Astronomy, 2011, 16, 530-538.	1.8	12
25	Physical properties ofÎ²Lyrae A and its opaque accretion disk. Astronomy and Astrophysics, 2018, 618, A112.	5.1	11
26	The data mining: An analysis of 20 eclipsing binary light-curves observed by the INTEGRAL/OMC. New Astronomy, 2009, 14, 129-132.	1.8	10
27	The data mining III: An analysis of 21 eclipsing binary light-curves observed by the INTEGRAL/OMC. New Astronomy, 2011, 16, 157-160.	1.8	10
28	Ole RÃ¸mer's method still on the stage: the study of two bound eclipsing binaries in quintuple system V994 Her. Monthly Notices of the Royal Astronomical Society, 2013, 429, 3472-3476.	4.4	10
29	The first study of the light-traveltime effect in bright eclipsing binaries in the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2241-2248.	4.4	10
30	Apsidal Motion and Absolute Parameters of 21 Early-type Small Magellanic Cloud Eccentric Eclipsing Binaries. Astronomical Journal, 2019, 157, 87.	4.7	10
31	Large distance ofÎµÂAurigae inferred from interstellar absorption and reddening. Astronomy and Astrophysics, 2012, 546, A123.	5.1	9
32	APSIDAL MOTION AND A LIGHT CURVE SOLUTION FOR 13 LMC ECCENTRIC ECLIPSING BINARIES. Astronomical Journal, 2015, 150, 183.	4.7	9
33	A UNIFIED SOLUTION FOR THE ORBIT AND LIGHT-TIME EFFECT IN THE V505 Sgr SYSTEM. Astronomical Journal, 2010, 139, 2258-2268.	4.7	8
34	Apsidal motion in five eccentric eclipsing binaries. Astronomy and Astrophysics, 2013, 549, A108.	5.1	8
35	THE PERIOD ANALYSIS OF V418 AQL, SU BOO, RV CVn, CR CAS, GV CYG, V432 PER, AND BD+42 2782. Astronomical Journal, 2014, 147, 130.	4.7	7
36	The first study of 54 new eccentric eclipsing binaries in our Galaxy. Astronomy and Astrophysics, 2018, 619, A85.	5.1	7

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37	The data mining II: An analysis of 33 eclipsing binary light-curves observed by the INTEGRAL/OMC. New Astronomy, 2010, 15, 150-154.	1.8	6
38	The triple system KR Comae Berenices. Astronomy and Astrophysics, 2010, 519, A78.	5.1	6
39	Possible substellar companions in low-mass eclipsing binaries: GU Bootis and YY Geminorum. Astronomy and Astrophysics, 2018, 620, A72.	5.1	5
40	Unique sextuple system: 65 Ursae Majoris. Astronomy and Astrophysics, 2012, 542, A78.	5.1	5
41	First apsidal motion and light curve analysis of 162 eccentric eclipsing binaries from LMC. Astronomy and Astrophysics, 2020, 640, A33.	5.1	5
42	The first light-curve analysis of eclipsing binaries observed by the INTEGRAL/OMC. New Astronomy, 2008, 13, 481-484.	1.8	4
43	Period analysis of the eclipsing binary AI Dra. Astrophysics and Space Science, 2010, 326, 119-123.	1.4	4
44	The first study of the light-travel time effect in bright eclipsing binaries in the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2952-2958.	4.4	4
45	Photometric Study of Fourteen Low-mass Binaries^{âˆ—}. Astronomical Journal, 2017, 154, 30.	4.7	4
46	CzeV1731: The unique doubly eclipsing quadruple system. Astronomy and Astrophysics, 2020, 642, A63.	5.1	4
47	Eclipsing Binaries with Possible Light-Time Effect. Astrophysics and Space Science, 2006, 304, 177-179.	1.4	3
48	GK Bootis and AE Fornacis: two low-mass eclipsing binaries with dwarf companions. Astronomy and Astrophysics, 2012, 537, A109.	5.1	3
49	V456 Ophiuchi and V490 Cygni: Systems with the shortest apsidal-motion periods. Astronomy and Astrophysics, 2011, 527, A43.	5.1	3
50	The first study of four doubly eclipsing systems. Astronomy and Astrophysics, 2022, 659, A8.	5.1	3
51	A Survey of Novae in M83. Astrophysical Journal, 2021, 923, 239.	4.5	3
52	Eclipsing Binaries Showing Lightâ€“Time Effect. Astrophysics and Space Science, 2005, 296, 127-130.	1.4	2
53	The system V389 Cas: Algol-type binary with <mml:math altimg="si69.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www... New Astron...	1.8	2
54	V773 Cas, QS Aql, AND BR Ind: ECLIPSING BINARIES AS PARTS OF MULTIPLE SYSTEMS*. Astronomical Journal, 2017, 153, 36.	4.7	2

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55	Improved model of the triple system V746 Cassiopeiae that has a bipolar magnetic field associated with the tertiary. Astronomy and Astrophysics, 2018, 609, A5.	5.1	2
56	DXÂCygni: A triple system with mass transfer. New Astronomy, 2020, 76, 101336.	1.8	2
57	Possible substellar companions in dwarf eclipsing binaries. Astronomy and Astrophysics, 2021, 647, A65.	5.1	2
58	The first analysis of extragalactic binary-orbit precession. Astronomy and Astrophysics, 2013, 559, A41.	5.1	2
59	Light-time effect detected in fourteen eclipsing binaries. Astronomy and Astrophysics, 2020, 643, A130.	5.1	2
60	New eccentric eclipsing binary in triple system: SY Phe. New Astronomy, 2012, 17, 687-690.	1.8	1
61	First detailed analysis of multiple system V2083 Cyg. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1196-1200.	4.4	1
62	First analysis of eight Algol-type systems: V537 And, GS Boo, AM CrB, V1298 Her, EL Lyn, FW Per, RU Tri, and WW Tri. New Astronomy, 2015, 34, 253-261.	1.8	1
63	A New Look at the HS Hydrae System. Astronomical Journal, 2022, 163, 94.	4.7	1
64	A 2+1Â+Â1 quadruple star system containing the most eccentric, low-mass, short-period, eclipsing binary known. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2448-2463.	4.4	1
65	BVRI Light Curves and Period Analysis of the Beta Lyrae System XX Leonis. Proceedings of the International Astronomical Union, 2006, 2, 551-554.	0.0	0
66	Physical parameters determination of the RR Lyrae Star a CM, SW, SZ and UY in Bootes. , 2009, , .		0
67	Eclipsing Binaries Within Visual Ones: Prospects of Combined Solution. Proceedings of the International Astronomical Union, 2011, 7, 207-208.	0.0	0
68	NSVS 01031772 Cam: A New Low-Mass Triple?. Proceedings of the International Astronomical Union, 2011, 7, 490-491.	0.0	0
69	First analysis of eight Algol-type binaries: EI Aur, XY Dra, BP Dra, DD Her, VX Lac, WX Lib, RZ Lyn, and TY Tri. New Astronomy, 2016, 42, 1-9.	1.8	0
70	Analysis of eight binaries in Lyncis constellation: RVÂLyn, AAÂLyn, AHÂLyn, CDÂLyn, CFÂLyn, DRÂLyn, EKÂLyn, and FSÂLyn. New Astronomy, 2017, 53, 53-60.	1.8	0
71	V348 And and V572 Per: Bright Triple Systems with Eccentric Eclipsing Binaries*. Astronomical Journal, 2019, 158, 95.	4.7	0
72	BVR_cI_c Observations, Third-body Orbital Study, and Analysis of the UV Leo-type, Pre-W UMA Binary V642 Virginis. Astronomical Journal, 2021, 161, 292.	4.7	0

#	Article	IF	Citations
73	The two eccentric eclipsing binaries in multiple systems: V539 Arae and V335 Serpentis. New Astronomy, 2021, 92, 101708.	1.8	0